

Second Professional B.S.M.S Degree Regular Examinations January 2025
Gunapadam – Marunthakaviyal (Materia Medica – Pharmaceuticals) Paper II
(2021 Scheme)

Time: 3 hrs

Max. Marks: 100

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw table/diagrams/flow charts wherever necessary

1. Multiple Choice Questions (20x1=20)

The Answers to MCQ questions (Q.No.i to Q.No.xx) shall be written continuously on the first two writing sheets (ie Page No. 3 & 4) only

- i. Match the following medicines with their respective indications:

A) Kalnaar Parpam	–	1) Aadutheendaa paalai Juice
B) Karuvanga Parpam	–	2) Kukkida Pudam
C) Nathai Parpam	–	3) Eruvai Mulai Noi
D) Vengaara Param	–	4) Kuruthi Moola Noi

Choose the appropriate matched options from the above.
 Options:

a) A with 1, B with 2, C with 3, D with 4	b) A with 1, B with 3, C with 4, D with 2
c) A with 1, B with 4, C with 3, D with 2	d) A with 1, B with 3, C with 2, D with 4
- ii. Which of the following is an example of a Varuppu (fried) type of Chendhuram

a) Aarumuga Chendhuram	b) Ayakaantha Chendhuram
c) Chandamaarutha Chendhuram	d) Aya Veera Chendhuram
- iii. What is the recommended trituration time period during the process of Rasa Gandhi Mezhugu when adding egg yolk and palm jaggery

a) 1 Saamam	b) 2 Saamam	c) 3 Saamam	d) 4 Saamam
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- iv. Which of the following Maathirai should be used in the treatment of Pakka Vaadham

a) Vishnu Chakkaram	b) Bala Sanjeevi
c) Brammhanandha Bairavam	d) Vasantha Kusumakaram
- v. Which of the following medicated oils is NOT used for external application

a) Pungan Thylam	b) Kodiveli Thylam	c) Rasa Thylam	d) Virana Sanjeevi Thylam
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- vi. Which of the following medicines is specially administered for the management of Arthritis

a) Karuvanga Chunnam	b) Velvanga Chunnam
c) Vediuppu Chunnam	d) All the above option
- vii. For the preparation of Aya Bringaraja Paanitham (Syrup), in which of the following juices is Ayam Powder processed

a) Karisaalai and Nellikaai Juices	b) Keezhanelli and Nellikaai Juices
c) Karisaalai and Keezhanelli Juices	d) Keezhanelli and Madhulai Juices
- viii. Which of the following medicine is used in the treatment of Nunakai Kiranthi (Neurofibroma)

a) Virana Sanjeevi Thylam	b) Poora Ennai
c) Rasa Thylam	d) Kodiveli Ennai
- ix. Which of the following medicines should be used for inhalation to treat Suram (Fever)

a) Linga Mezhugu	b) Gowri Mezhugu
c) Linga Mathirai	d) Gowri Mathirai
- x. Which Parpam is considered as the "Sword for the Physician"

a) Rasa Parpam	b) Sembu Parpam
c) Linga Parpam	d) Uppu Parpam
- xi. Kaaruda Kuligai is prepared using _____

a) Iragu Parpam	b) Aamai Odu Parpam
c) Kombu Parpam	d) Both a & b
- xii. Which metal is extracted from Earthworm in Siddha medicine

a) Gold	b) Lead	c) Iron	d) Copper
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(PTO)

- xiii. For treating Vellai (White discharge), which one of the following is used as adjuvant for Thanga Uram
 - a) Amukkura Chooranam
 - b) Thiripala Chooranam
 - c) Elathy Chooranam
 - d) Thaleesadhi Chooranam
- xiv. Which is the suited vehicle for the intake of Malaivembaathi Thylam
 - a) Butter Milk
 - b) Neer aagaaram
 - c) Seeraga Kudineer
 - d) Sombu Kudineer
- xv. For topical application, Jeyaveera Ranasinga Kayiru should be administered along with _____
 - a) Sterile Water
 - b) Thiripala choorana Kudineer
 - c) Luke warm Milk
 - d) Honey
- xvi. ASU Pharmacopoeia Permissible limit for the presence of Lead content in a Single Herb is _____
 - a) Up to 1 ppm
 - b) Up to 10 ppm
 - c) Up to 0.1 ppm
 - d) Up to 3 ppm
- xvii. For pesticides residual analysis in herbs, which method of analysis is applicable
 - a) High-Performance Liquid Chromatography
 - b) Thin Layer Chromatography
 - c) Gas Chromatography-Mass Spectrometry
 - d) UV-Visible Spectroscopy
- xviii. In the 1940 Drug and Cosmetic Act, Form 25 D deals with:
 - a) GMP Certificate for Pharmacy
 - b) Grant of Licence to Manufacture ASU drugs
 - c) Loan Licence for Pharmacy
 - d) License for Drug Testing Laboratories
- xix. The patent rights for drugs are applicable for a period of:
 - a) 10 years
 - b) Life Span
 - c) 20 years
 - d) Life Span and further 60 years
- xx. Which of the following is a potential advantage of nanosized drug delivery systems for herbal drugs
 - a) Reduction in biological activity
 - b) Enhancement of biological activity
 - c) Increased degradation of plant medicines
 - d) Reduction in production cost

Long Answers Questions

(4x10=40)

10. Provide a detailed account of the following Siddha formulations:
 - a) Vediuppu Dhraavagam
 - b) Kariuppu Dhraavagam
 - c) Navatchaara Kuzhambu
 - d) Ambar Maathirai
11. Describe the Aamai and Udumbu Legiyam preparations in Siddha medicine, including their ingredients and therapeutic uses. Additionally, explain the extraction process of Poonaaga Satthu and its application.
12. Explain the preparation process, dosage, vehicle and therapeutic applications of Rasa Gandhi Mezhu, along with the classical verse describing its formulation and medicinal benefits.
13. Explain the methodology of preparation for the following medicines, including the purification of ingredients, dosage, vehicle, and therapeutic benefits:
 - a) Kaadikaara Chendhuram
 - b) Chanda Maarutha Chendhuram
